

Fig. 1A

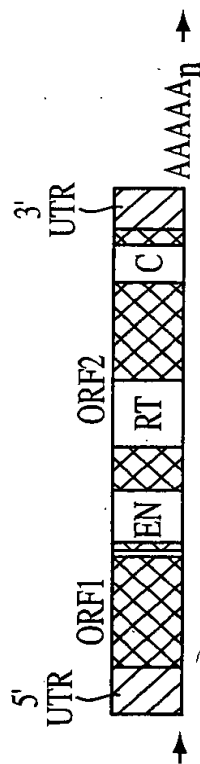
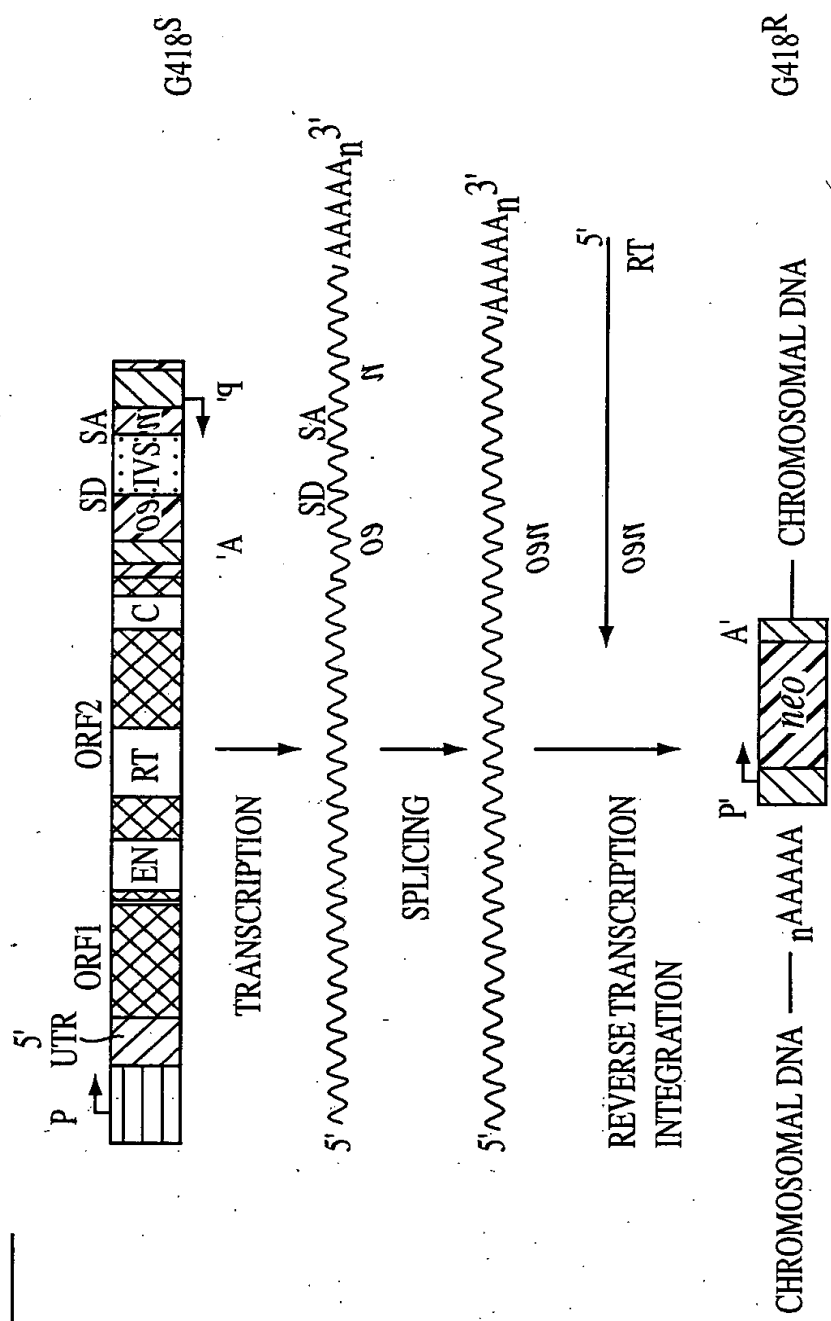


Fig. 1B



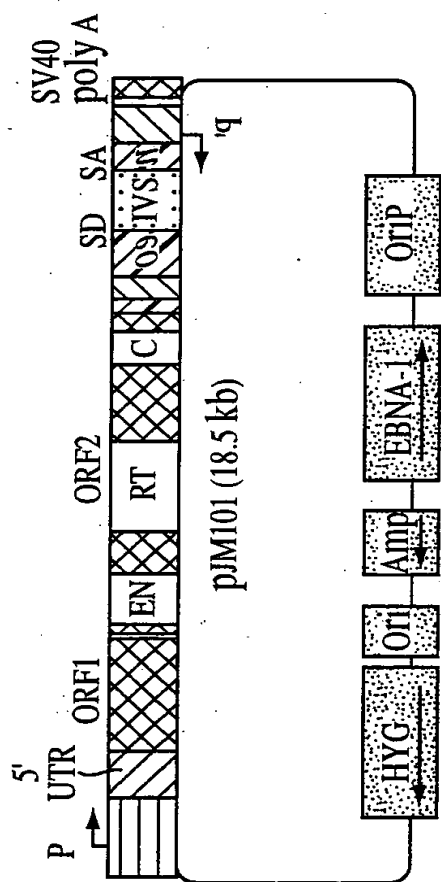


Fig. 2A

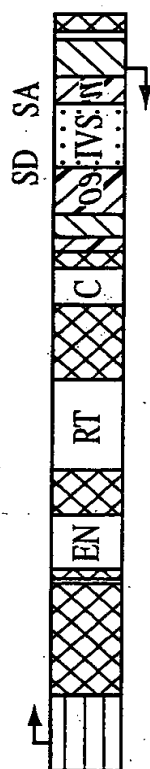


Fig. 2Bi

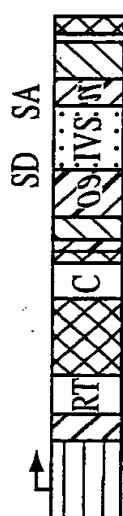


Fig. 2Bii

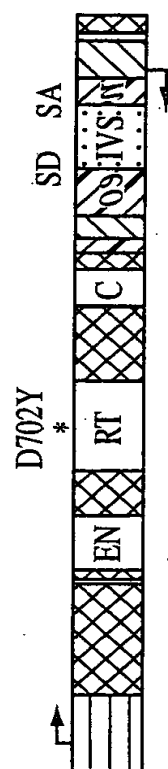


Fig. 2Biii

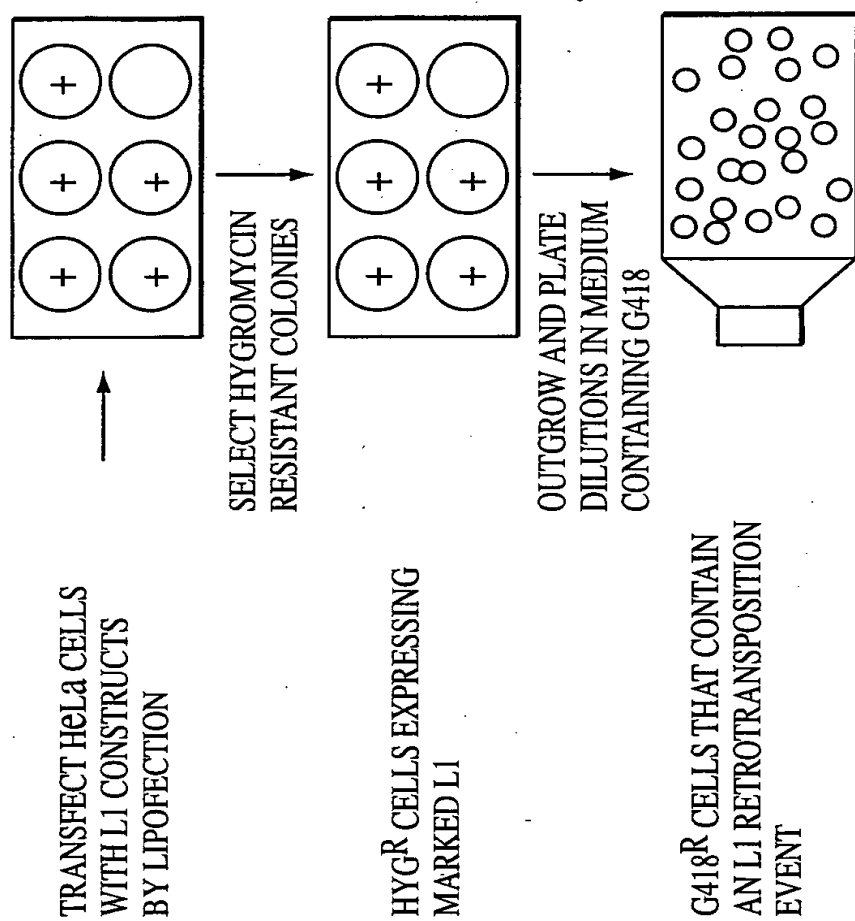
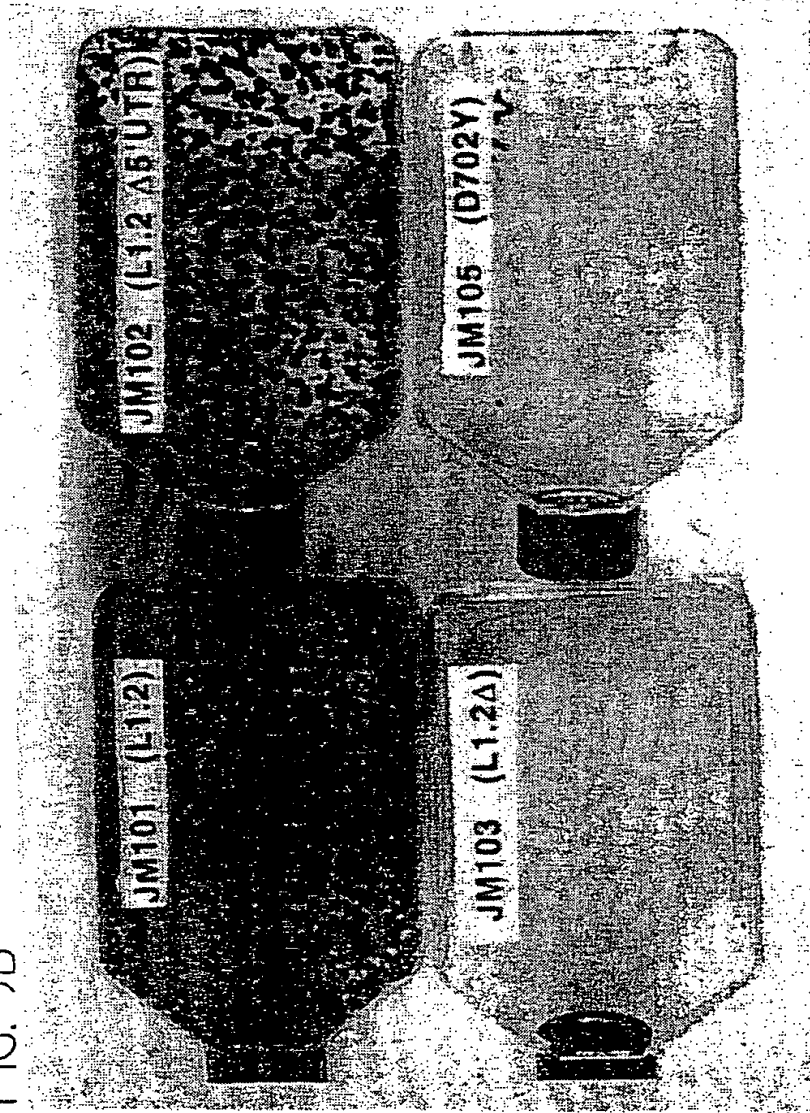


Fig. 3A

037050" 27305050

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FIG. 3B



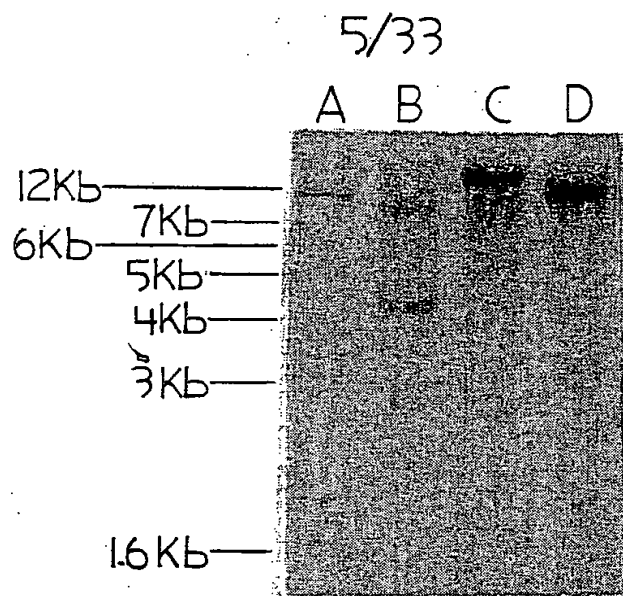


FIG.4A

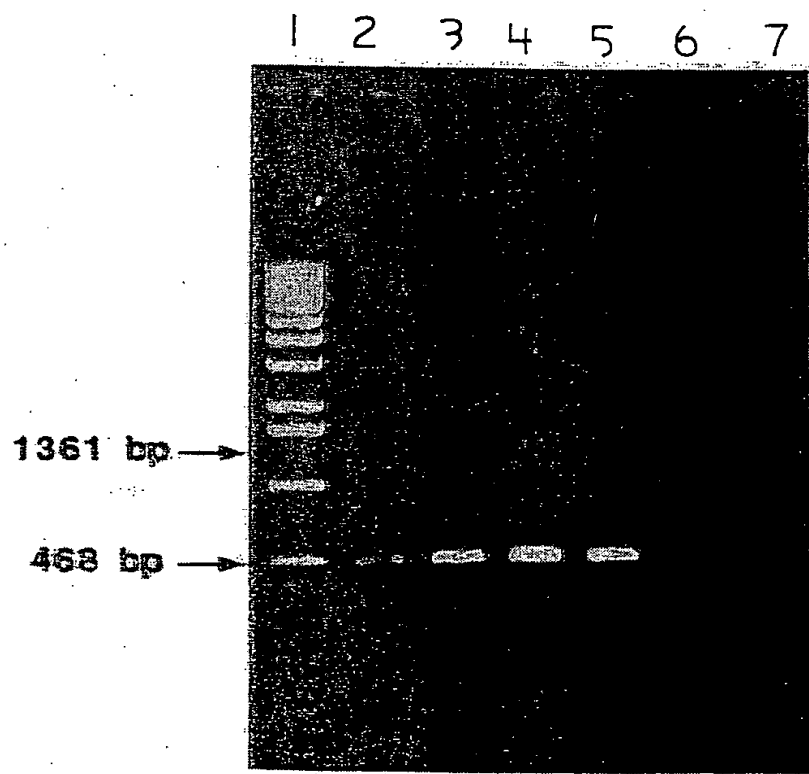
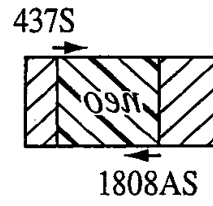


FIG.4Biii

Fig. 4Bii



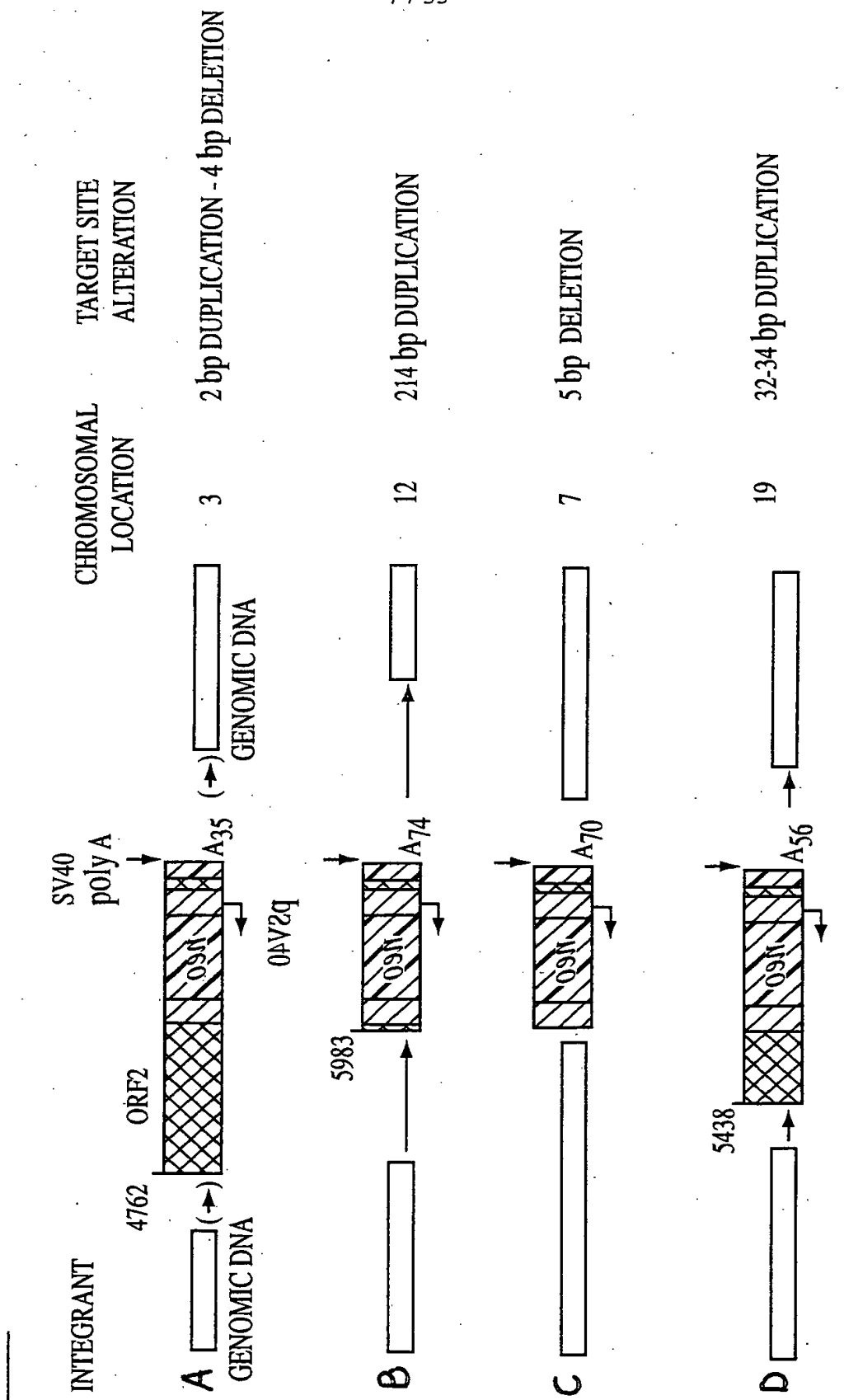


Fig. 5

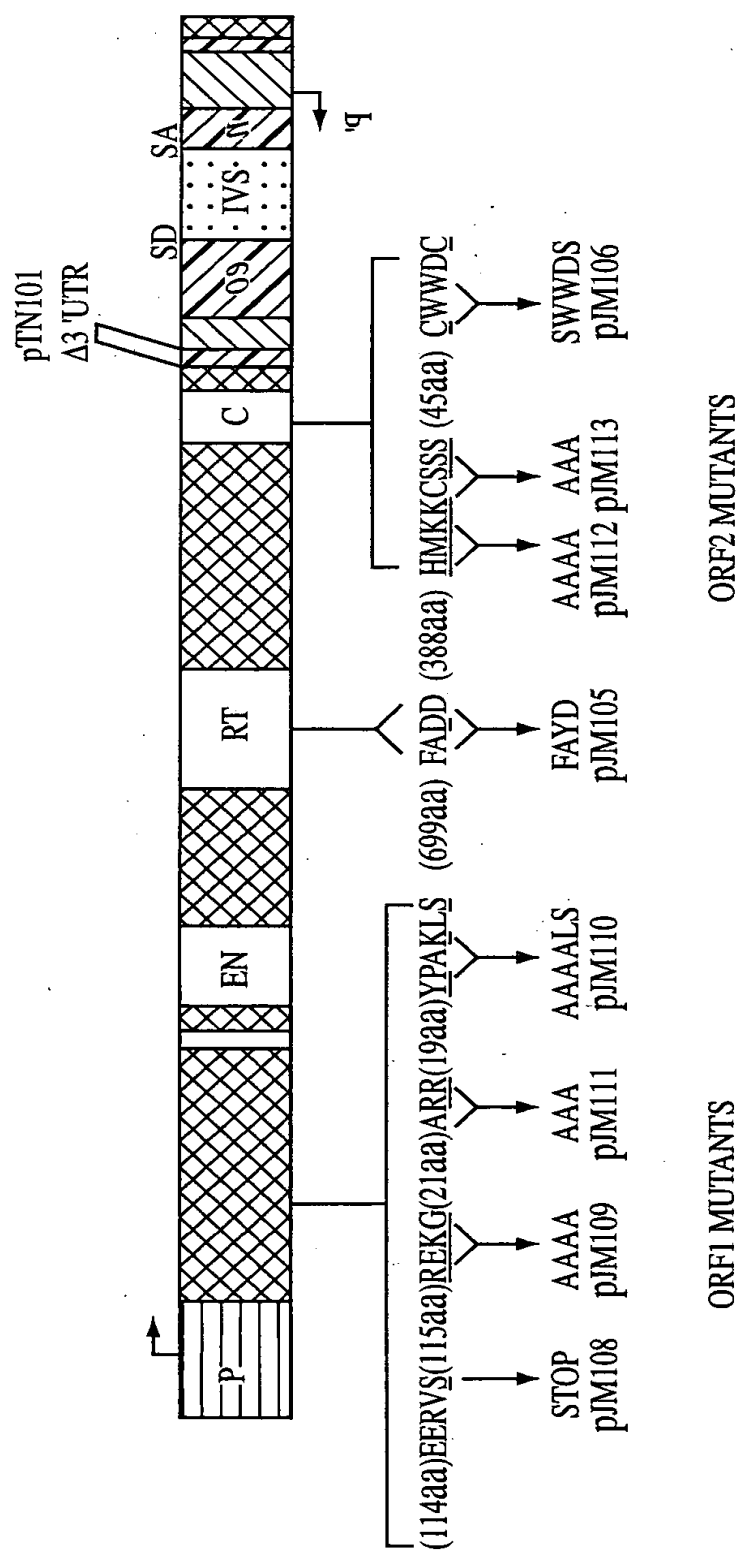


Fig. 6

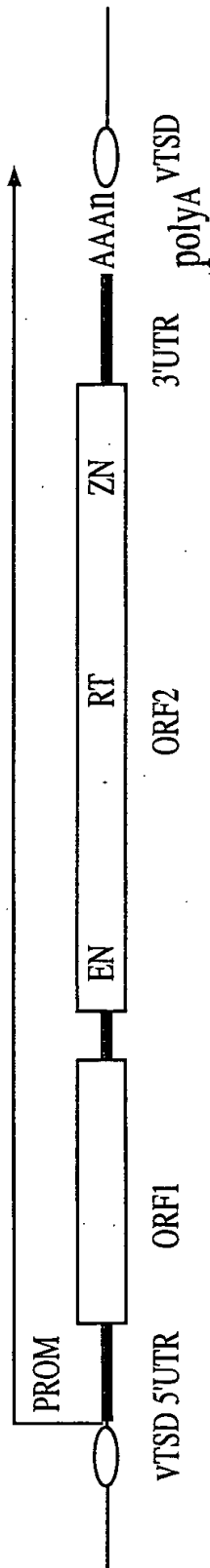


Fig. 7A

TADMVQLKILYWNVGKS	(13)	YDIVAIQEPG	(22)	KGRAVIYVNK	(25)	PTTVYSIYSPILT	O
L1Tc (35)	DIEQNP GPIAVLQMNVSCL	(12)	ADIIAIQETW	(23)	GGGVAVLVRK	(31)	DLIVASAYMRPPP	O
R1Bm	..MDIRPRLPIGQINLGA	(15)	LDIVLVQEY	(13)	KAGVYIRNRV	(22)	DLYMVSAYFQYSD	
FDm	....IMATLFIATWNANGV	(15)	IDVMLLSETH	(23)	HGGTAILIRN	(32)	LLTLAAVYCPPRF	
Gdm	....MQISLNIVFWNANGL	(15)	IDILLVSESH	(24)	RGGAAMLIKS	(27)	DITVGAVYPRHEF	
JOCK	...MTQPTLKIGLWNARGL	(15)	IDVMLTTETH	(24)	RGGSAVIIKS	(27)	TVTVAAYVYLPPE	
IDm	.....MSLTVIQWNLKGY	(15)	PHIISLQETH	(23)	FGGVRILVHK	(24)	KLNIFSTYISPTK	
L1Hs	.MTGSNSHITILTLNINGL	(17)	PSVCCIQETH	(25)	KAGVAILVSD	(27)	ELTILNIYAPNTG	
Tx1	.....MALSISTLNTNGC	(17)	YSVSFLQETH	(25)	SCGVVTLFSD	(27)	TYNLMNVYAPTGT	
Cin4 (10)	GYPMNTNCCIFSWNVRL	(17)	ATSVCLQETK	(27)	GASGGILIAAC	(29)	VWDLTAVYGPQQE	
Dre (04)	NKTIKKNTIRIGVWNVQGS	(17)	LDAALLTETN	(27)	QGVSQIIINT	(23)	QIKCTTIYAPAKS	
APHs (53)	SPSGKPATLKICSWNVDGL	(16)	PDILCLQETK	(28)	GYSVGGLLSR	(27)	SFVLVTAYVPNAG	
Retrotransposons		12-17		13-27		22-31	6-23	
AP endonucleases		15-17		23-28		27	27-28	
DNase I	.....MLKIAAFNIRTF	(20)	YDIVLIQEV			(120)		
L1Hs. mutants								
	↓	N14A	↓	E43A				

FIG. 7Bi

FIG. 7Bi FIG. 7Bii

FIG. 7

(23) NLVAVGDLNLHHPDWD	(29) GE.PTRLGNATRGERTIDHAWLS	(16) GSDHCPQEIWVQV
(17) PLLLCGDFNMHHPQWE	(25) GE.ITTARGTRER...SCIDLTWSK	(13) LSDHYVLTFTHQ
(19) RVVICADTNAHSPLWH	(35) CHLPTFSTANGE....SYVDVTLST	(14) SSDHRLIVFGVGG
(16) HFIAAGDYNKAKHTHWG	(26) PGSPTYWPSDLN.KLPDLIDFAVTK	(15) SSDHSPVLIHLRR
(16) RFIAAGDFNAKHSWWG	(24) TGEPTHWPSPDS.KQPDLLDIAICK	(15) VSDHSAVNLLNI
(16) KFIAGGDYNKAKHAWWG	(24) TGEPTFYSYNPL.LTPSALDEFFTC	(15) SSDHLPILAVLHA
(16) PSLITGDFNGWHPSWG	(24) DKSPTHFSTH...NTYSHIDLTCLS	(16) GSDHFPITTLFP
(18) HTLIMGDFNTPLSTLD	(34) TE.YTF..FSAPHHTYSKIDHIVGS	(16) LSDHSAIKLELRI
(21) ALIIGGDFNYTLDARD	(34) VA.FTYVRVRDGHVSQSRIDRIYIS	(16) FSDHNCVSLRMSI
(19) EWLILGDFNMIRRVGE	(30) KK.FT.WSNEQDDPTMSRIDRLMAT	(18) TSDHSPLLMQGHS
(17) SDIITGDFNVDCSVDN	(19) NG.ITFPR.....NKSTIDRVFVS	(17) KSDHNMVIELKI
(27) PLVLCGDLNVAHEEID	(45) TF.WTYMMNARSKNVGWRLDYFLLS	(17) GSDHCPITLYLAL

DVMLMGDFNADCSYVT (31)CAYDRIVVA (31)	ISDHYPVEVTIT
↓	↓	↓
D145A	D205G	H230A

21-35	13-18
44-50	17-21

FIG. 7Bii

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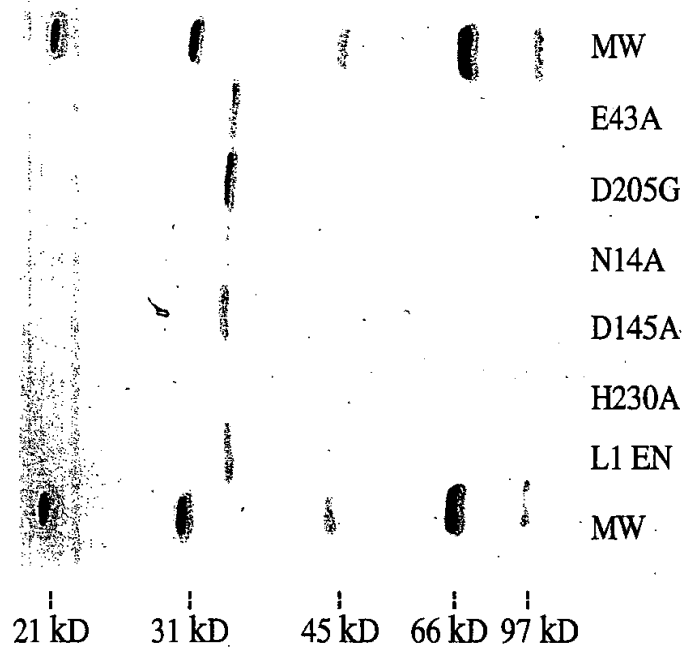


Fig. 8A

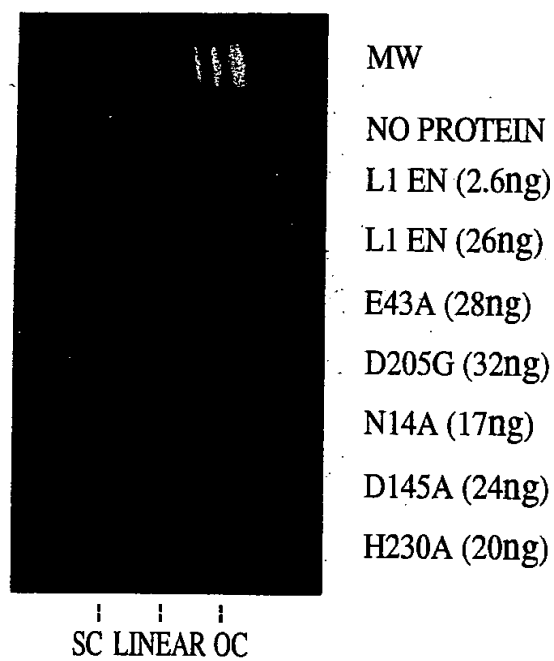


Fig. 8B

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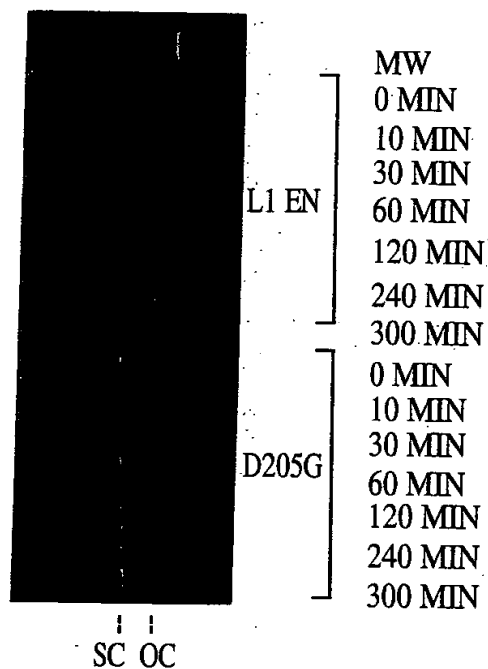


Fig. 8C

L1 EN	-	+	+	+	-	+	+	+
↓ Δ								
T4 DNA LIGASE	-	-	+	+	-	-	+	+
↓ Δ								
L1 EN	-	-	-	+	-	-	-	+

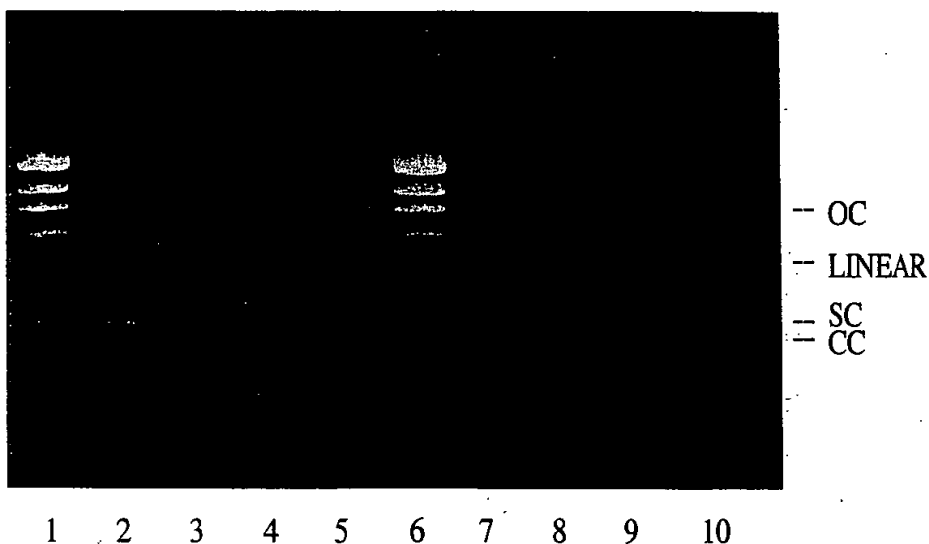


Fig. 9

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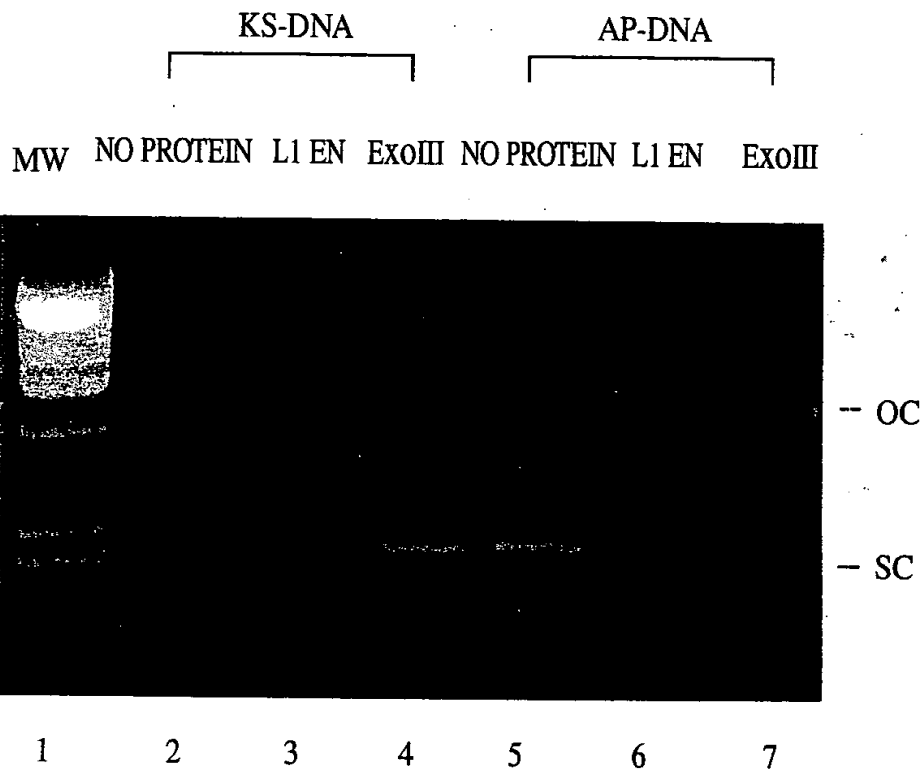


Fig. 10

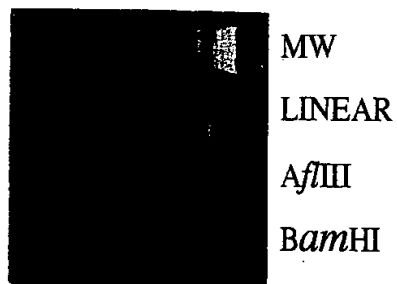
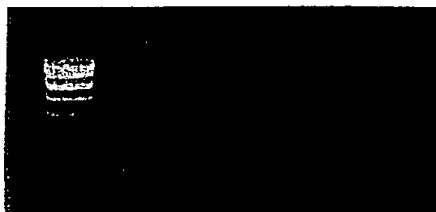


Fig. 11A

007050 2703050

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MW 1 2 3 4 5

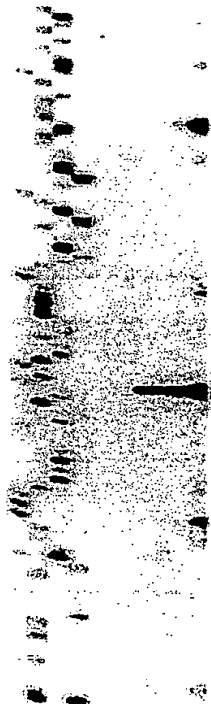


-- OC
-- LINEAR
-- SC

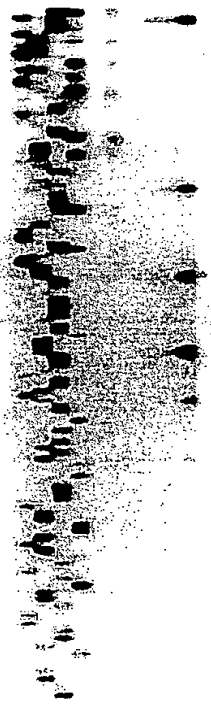
Fig. 11B

Fig. 11Ci Fig. 11Cii Fig. 11Ciii

GATC 12345



GATC 12345

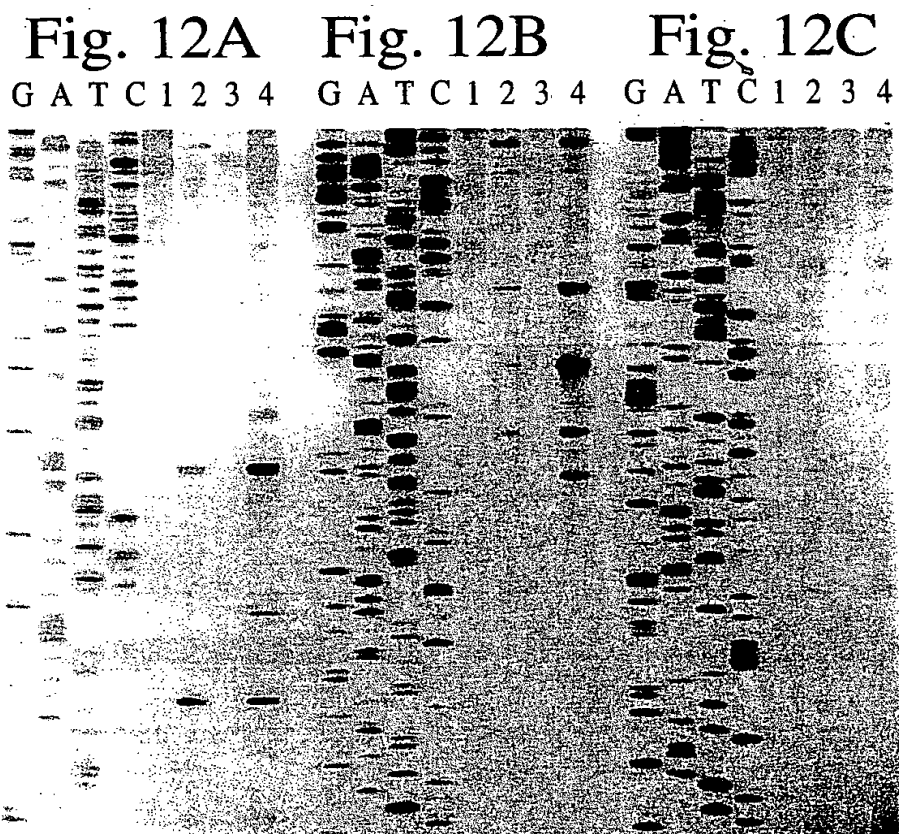


GATC 12345



007050" 2782555

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0055304 000400

FIG. 13

5'-GAGGCCTAAATTCACCGAAATCGCGAGGTACTTTTTGGAGCCCGAAAC
3'-CTCCGGATTTAAGGTTGGCTTTTAGCGCTCCAATGAAAAACCTCGGGCTTTTG

CACCCAAAATCAAGGAAAAATGGCCAAAAATGCCAAAAATAGCGAAATACCC
GTGGGTTTAGTTCCTTTTACCGGTTTTTTACGGTTTTTTATCGCTTTTATGCG

CGAAAAATTGGCAAAAATTAAACAAAAATAGCGAATTTCCCTGAATTTTAGGCGAA
GCTTTTAACCGTTTTTAAATTGTTTTTTATCGCTTAAAGGACTTAAAAATCCGCTT

AAAACCCCGAAAAATGGCCAAAAACGCACCTGAAAAATCAAAATCTGAACGTCTACG-3'
TTTTGGGGGCTTTTACCGGTTTTTGGCGTGACTTTTAGTTTTAGACTTGCAGATGC-5'

FIG. 14A

CTTTTaaaaaattgttt
GAAAAAttttttaacaaa

CTTTTaaaaaattgttt
GAAAAA↑ttttttaacaaa

CTTTTaaaaaattgttt
GAAAAaaacaaa

L1 ORF1 ORF2 XXXXAAAAAAAAAAAAAAAAAAAA
HO-tttttttt

FIG. 14Bii

AGGATCTcaagaag
TCCTAGAgttcttc

AAGTTTaaatcaa
TTCAAAAtttagtt

GAAGTTTtaaatca
CTTCAAAatttagt

TCCTTTaaattaa
AGGAAAAtttaatt

AGATAATcaaaaaag
TCTATTAgttttttc

TCAATCTaaagtat
AGTTAGAtttcata

004050 2132550

١

FIG. 14C

JH-25

CTTTTaaaaattgtttgaat
GAAAAtttttttaacaaactta

JH-27

CATCTTTGTTaaagacaaacaaac
 GTAGAAACAAAtttctgtttgtttg

JH-28

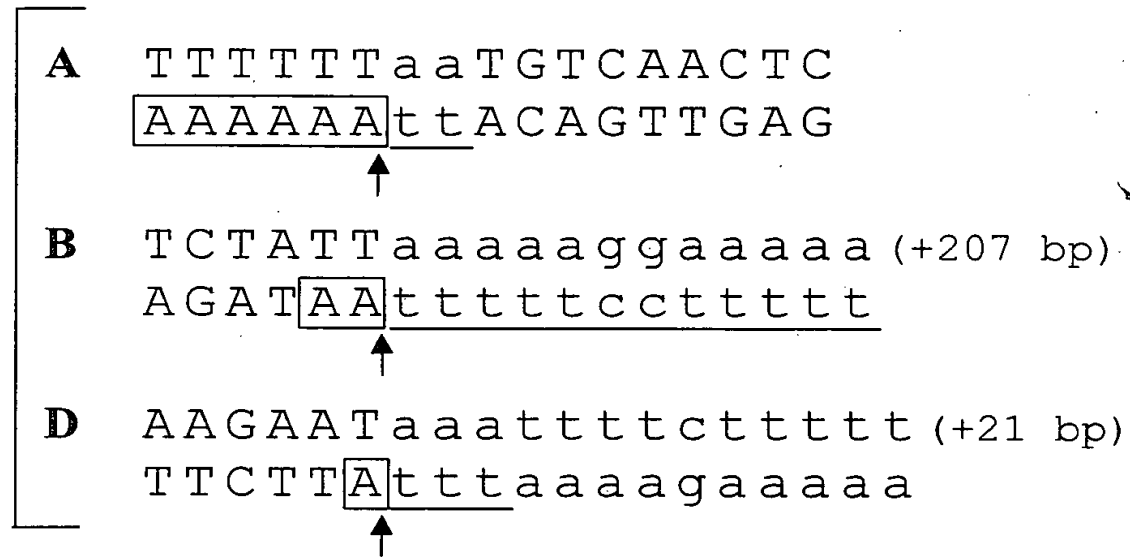
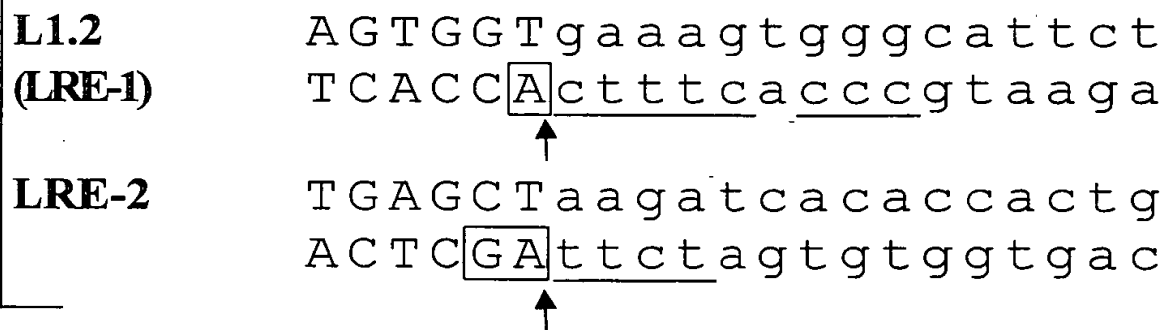
ATTAAgtttcccttctttt
 TAATTAcaaagggaagaaa

DYSTROPHIN

GCAGTTaaatcatctgtgct
 CGTCAAAtttagtagacgacga

APC

GGAA~~T~~Taaagaataatg
 CCTTAAttctttattac

FIG. 14D**FIG. 14E**

L1.1
GTGTTtaaaacttagtaaca
CACAAAatttgaatcattgt
↑

L1.3
TCTGATAagaataatagga
AGACTAttccttatttcct
↑

L1.4
GATTTaaaaaa
CATAAAtttttt
↑

CGL1.1
ATATAagaggattaccag
TATATAttctcctaattggtc
↑

Z73497
ATACACaaatttggacccaaagagag
TATGTGtttaaacctgggttctctc
↑

GTGTTtaacttagtaaca
CACAAattgaatcat^{ttgt}

TCTGTAagaataatagga
AGACTAttcttattatcct

GTATTaaaa
CATAA|ttttt

ATATAagaggattaccag
TATATttctcctaattggtc

ATACAAatttggacc~~aa~~gagag
TATGTGtttaaacc~~tg~~gggttctctc

FIG. 14G

L05637 TTTTTTaaaaaa
AAAAAAtttttt
↑

Z70758 TGACTTagaagtccatgaatcca
ACTGAAttcttcaggtaggt
↑

Z69721 TGCCTTaagaagggtcaaaggcag
ACGGAAttcttcaggtttccgtc
↑

Z69648 AAAAACaaaaaa
TTTTTGttttttt
↑

Z68163 AAAATTaaaaattgtgat
TTTTAAttttttaactcta
↑

Z68339 GGGGTTaagattgaagaatg
CCCCAAttctaacttcttac
↑

Z70042 GGATTCaaggagttattgat
CCTAAGtttttcctcaataacta
↑

Z68746 TCTTATAaaaaagtaaact
AGAAATAttttttcatttga
↑

PHENOTYPE

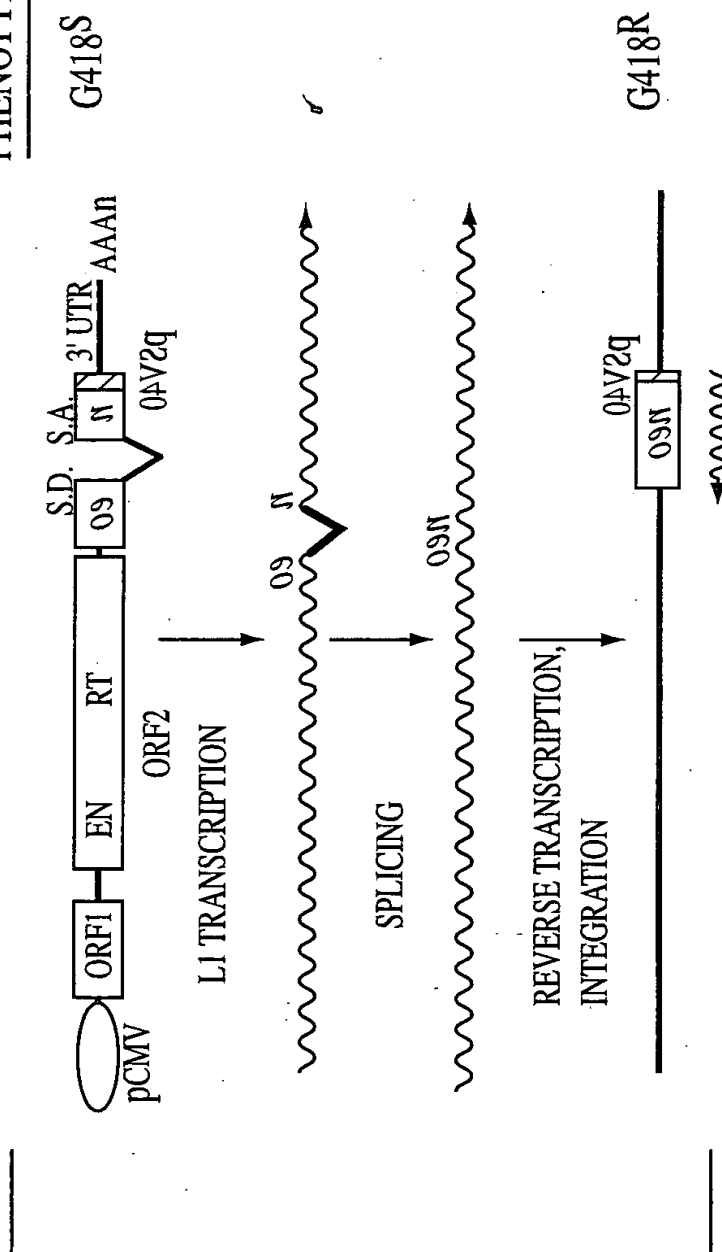


Fig. 15A

CONSTRUCT	TRANSPOSITION FREQUENCY ($10^{-6} \text{ cell}^{-1}$)
WILDTYPE L1	335
D703Y (RT ⁻)	0.5
N14 (EN ⁻)	3.4
D145A (EN ⁻)	1.0
D205G (EN ⁻)	0.7
H230A (EN ⁻)	1.3

FIG. 15B

337-959" 24388999

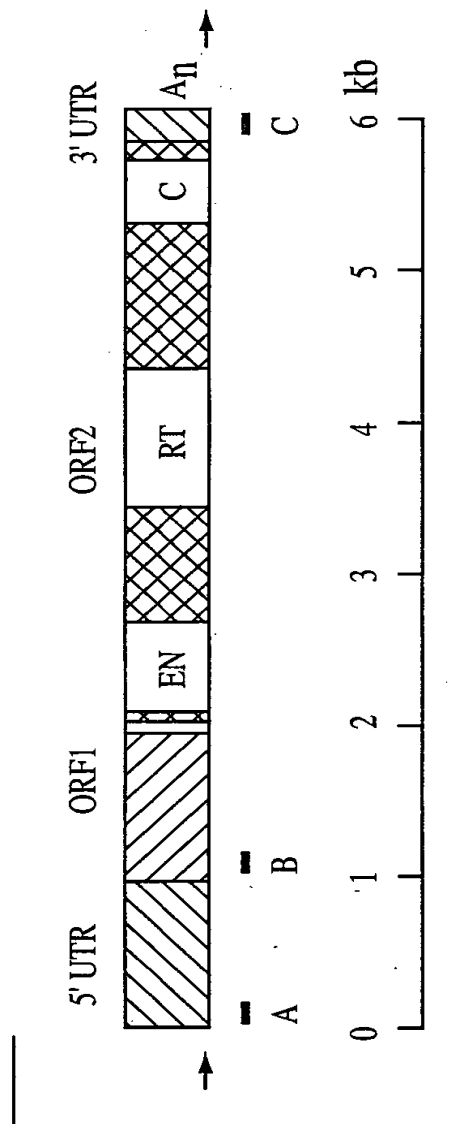


Fig. 16

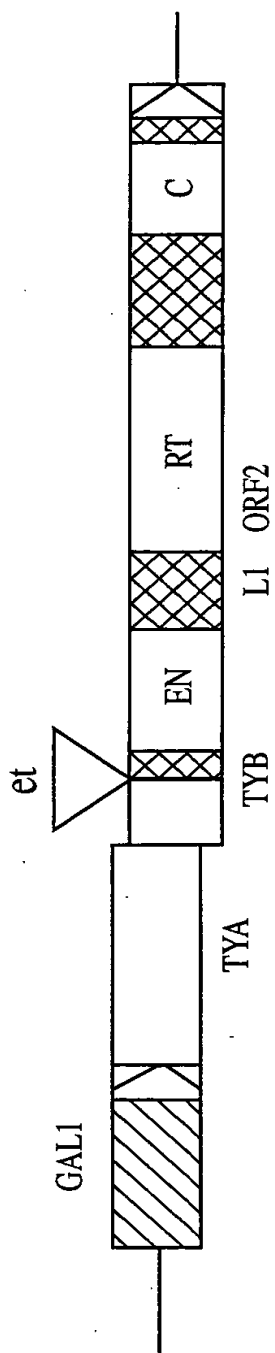


Fig. 17A

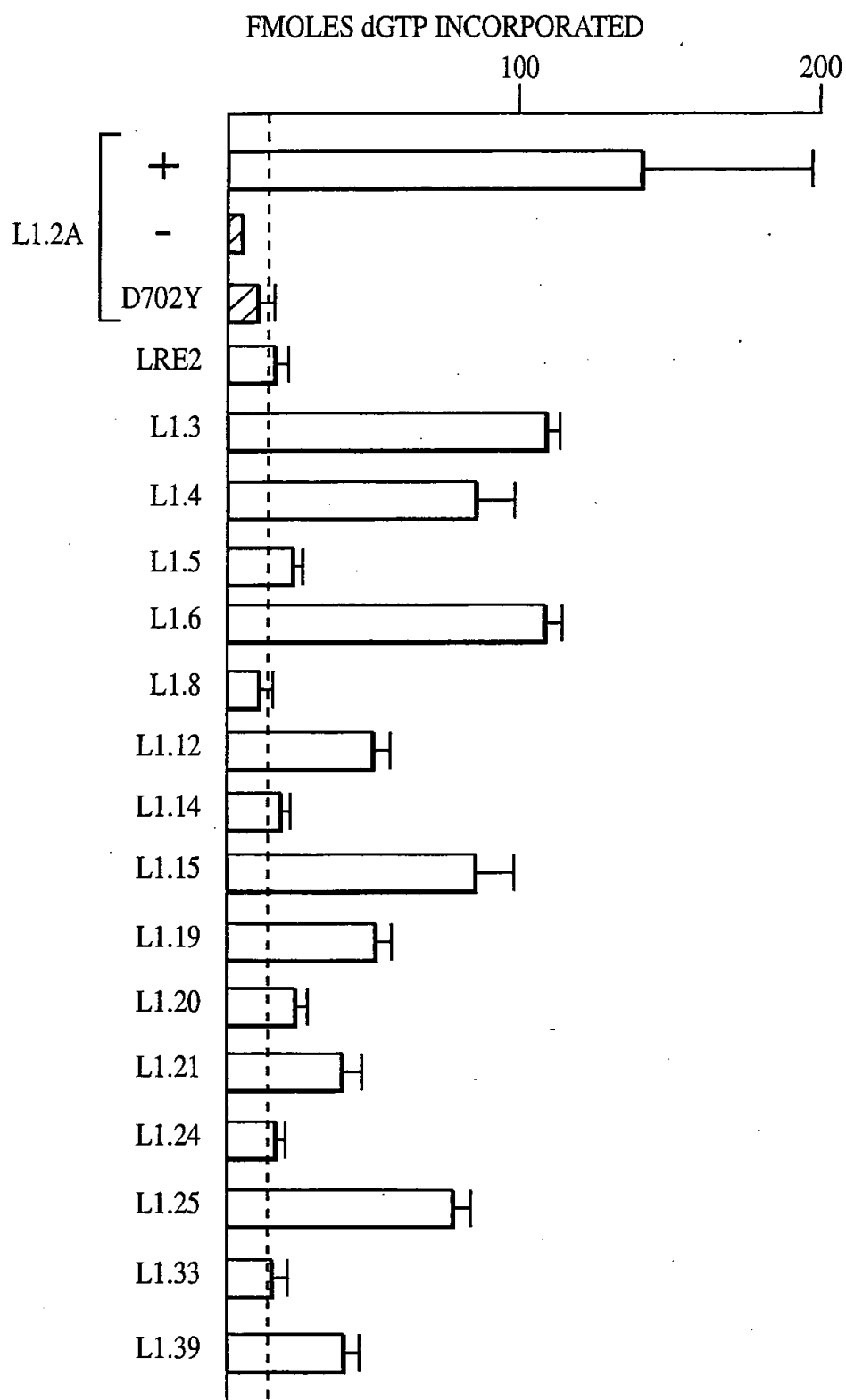


Fig. 17B

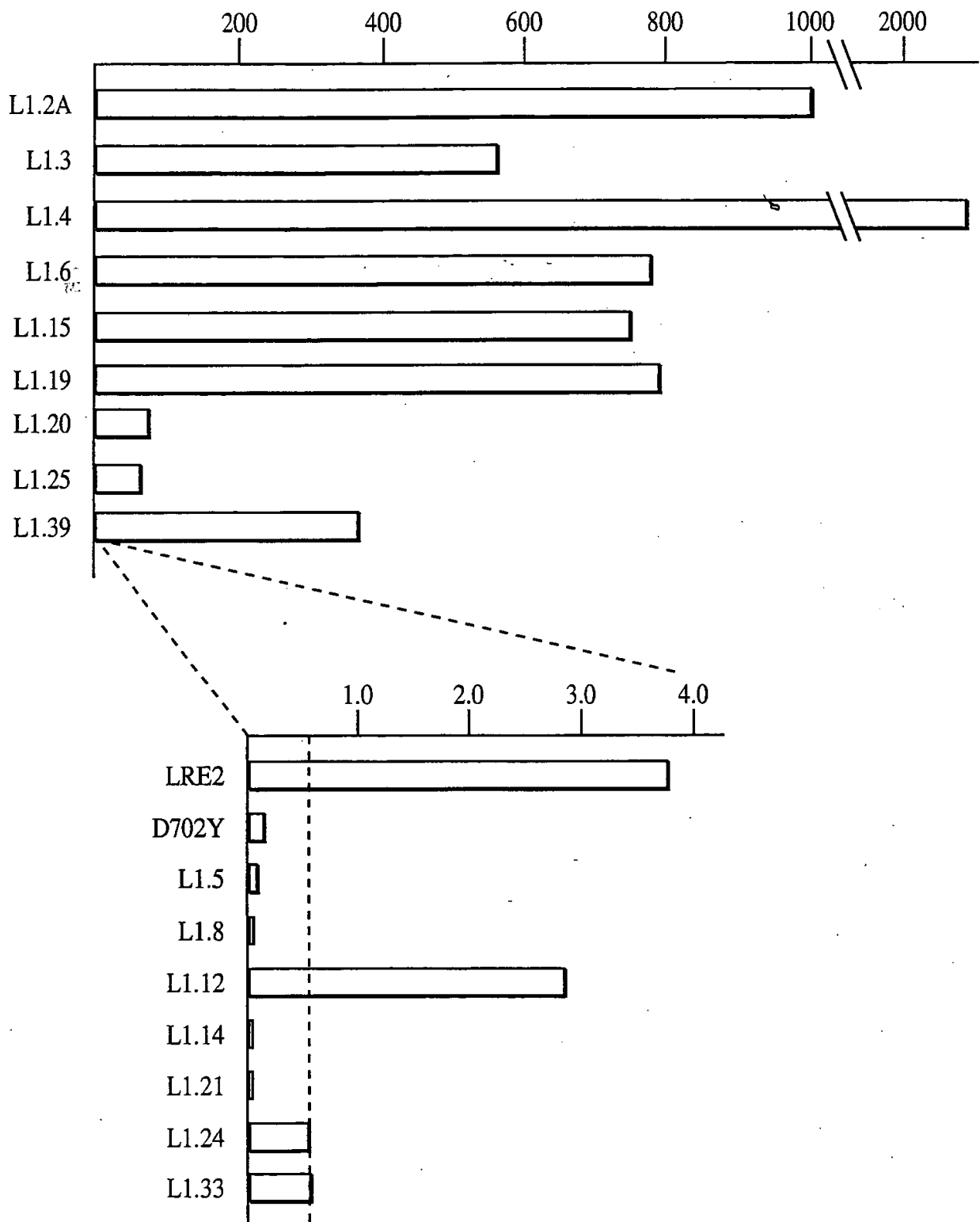
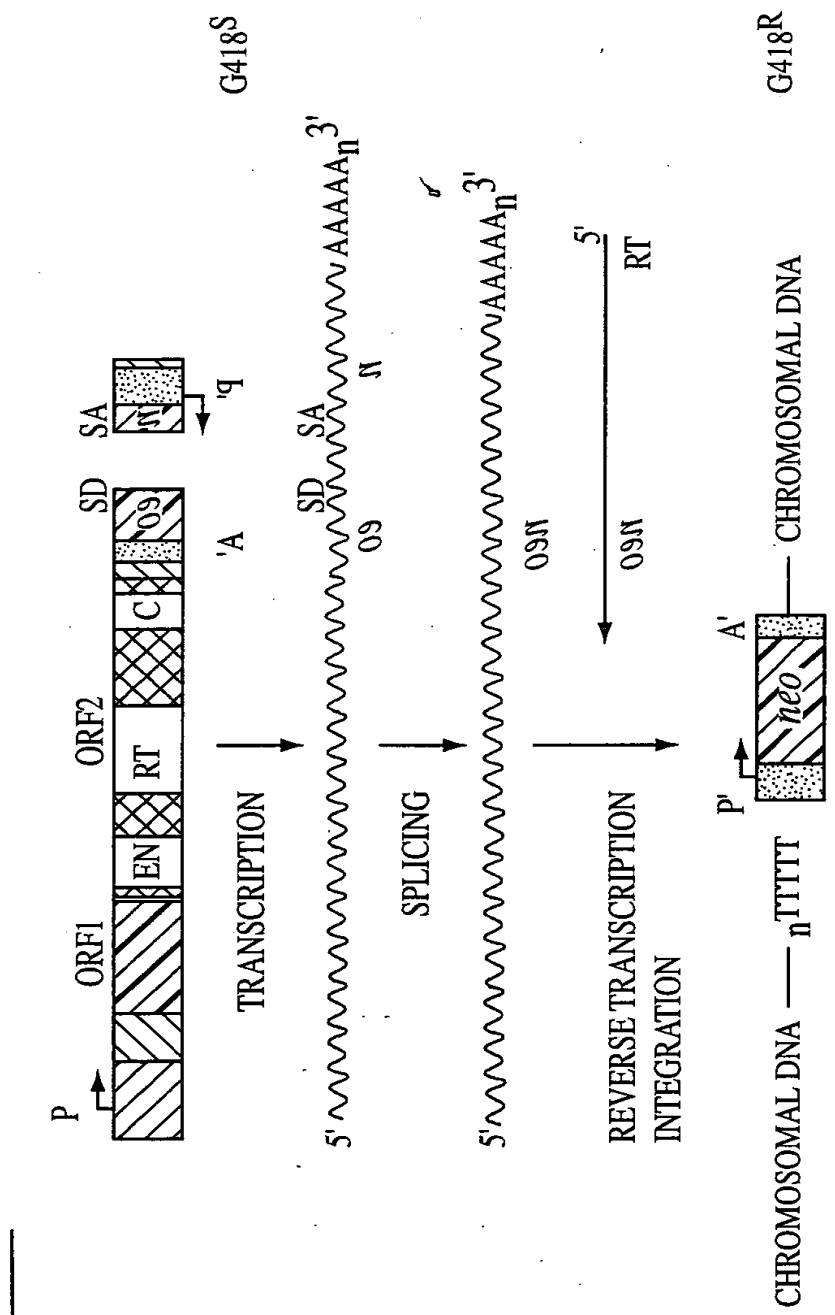
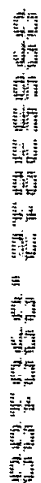
HIS⁺/10⁷ CELLS

Fig. 17C

Fig. 18A



1. The first part of the report is a general statement of the purpose and scope of the study. It states that the purpose is to determine the effect of the new tax law on the income of individuals. The scope of the study is limited to the income of individuals who are subject to the new tax law.



1. The first part of the report is a general statement of the purpose and scope of the study. It states that the purpose is to determine the effect of the new tax law on the income of individuals. The scope of the study is limited to the income of individuals who are subject to the new tax law.